

...JULY 2013 CLIMATE SUMMARY...

SUMMARY FOR THE SAN FRANCISCO BAY AREA AND MONTEREY BAY AREA...

JULY 2013 STARTED OUT VERY WARM. TEMPERATURES DURING THE FIRST FOUR DAYS OF THE MONTH WERE WELL ABOVE NORMAL AND A COUPLE OF DAILY RECORD HIGH TEMPERATURES WERE SET ON INDEPENDENCE DAY. ALTHOUGH CONDITIONS WERE QUITE WARM NEAR THE COAST FROM THE 1ST THROUGH THE 4TH...LACK OF PERSISTENT OFFSHORE FLOW MEANT THAT THE MOST OPPRESSIVE HEAT WAS CONFINED TO INLAND AREAS. THE HEAT WAVE AT THE BEGINNING OF THE MONTH ACTUALLY BEGAN DURING THE FINAL FEW DAYS OF JUNE. LIVERMORE'S HIGH TEMPERATURE WAS ABOVE 100 DEGREES FOR SEVEN CONSECUTIVE DAYS FROM JUNE 28TH THROUGH JULY 4TH. THE HEAT WAVE BROKE ON JULY 5TH AS STRONG ONSHORE FLOW DEVELOPED. LIVERMORE'S HIGH TEMPERATURE DROPPED 25 DEGREES FROM THE 4TH TO THE 5TH...FROM 103 TO 78.

THE HEAT WAVE AT THE START OF THE MONTH WAS THE ONLY NOTABLE WEATHER EVENT IN JULY. FOR MOST OF THE REMAINDER OF THE MONTH A TROUGH OF LOW PRESSURE NEAR THE WEST COAST MAINTAINED A COOL WEATHER REGIME. IN FACT...HIGH TEMPERATURES AFTER THE 4TH WERE EITHER BELOW NORMAL OR NEAR NORMAL ON ALL BUT A FEW DAYS. THE PERSISTENT TROUGH RESULTED IN WIDESPREAD NIGHT AND MORNING LOW CLOUDS FOR MUCH OF JULY.

...JULY REGIONAL TEMPERATURE SUMMARY...

LOCATION	AVG HIGH	NORMAL HIGH	DEPARTURE		AVG LOW	NORMAL LOW	DEPARTURE	
			FROM NORMAL				FROM NORMAL	
NORTH BAY...								
ANGWIN	84.9	86.0	-1.1		54.1	55.0	-0.9	
CALISTOGA	92.2	91.4	0.8		53.5	52.5	1.0	
CLOVERDALE	93.3	92.9	0.4		54.8	55.6	-0.8	
KENTFIELD	81.7	82.7	-1.0		53.5	53.0	0.5	
NAPA	82.1	82.9	-0.8		55.4	55.1	0.3	
NAPA AIRPORT	77.2	78.3	-1.1		54.2	52.5	1.7	
OCCIDENTAL	75.2	78.3	-3.1		49.5	52.1	-2.6	
PETALUMA	79.6	81.9	-2.3		52.6	52.3	0.3	
SAINT HELENA	88.5	89.1	-0.6		56.2	55.0	1.2	
SAN RAFAEL	81.2	79.6	1.6		54.5	54.9	-0.4	
SONOMA CO AIRPORT	80.7	83.1	-2.4		52.4	51.9	0.5	
SONOMA	85.0	87.2	-2.2		53.6	52.8	0.8	

SAN FRANCISCO PENINSULA...

HALF MOON BAY	65.4	65.0	0.4		53.9	51.6	2.3	
PALO ALTO	77.8	79.6	-1.8		56.4	55.1	1.3	
REDWOOD CITY	79.7	82.0	-2.3		57.9	56.1	1.8	
SAN FRANCISCO AIRPORT	70.7	72.0	-1.3		55.0	55.4	-0.4	

SAN FRANCISCO

DOWNTOWN	65.4	66.5	-1.1	54.1	54.1	0.0
WOODSIDE	88.1	88.4	-0.3	55.0	51.6	3.4

EAST BAY...

BERKELEY	72.6	73.9	-1.3	52.9	53.0	-0.1
CONCORD	88.0	88.0	0.0	58.0	57.9	0.1
CONCORD AIRPORT	86.7	87.0	-0.3	56.1	57.7	-1.6
FREMONT	78.6	78.1	0.5	56.8	56.6	0.2
HAYWARD AIRPORT	74.8	73.0	1.8	56.7	57.4	-0.7
LIVERMORE	91.5	88.9	2.6	56.9	56.8	0.1
LIVERMORE AP	89.6	87.5	2.1	57.9	57.2	0.7
MARTINEZ	89.7	88.7	1.0	51.7	51.1	0.6
MOUNT DIABLO						
JUNCTION	83.6	84.7	-1.1	63.0	60.3	2.7
NEWARK	76.9	77.1	-0.2	57.5	57.8	-0.3
OAKLAND	71.0	72.0	-1.0	56.1	56.2	-0.1
OAKLAND AIRPORT	71.6	70.3	1.3	56.9	55.5	1.4
RICHMOND	68.4	70.9	-2.5	55.4	55.5	-0.1

SOUTH BAY AND SANTA CRUZ COUNTY...

GILROY	87.4	88.2	-0.8	55.9	54.5	1.4
LOS GATOS	84.8	84.8	0.0	56.3	55.4	0.9
MOFFETT FED AF	76.2	77.1	-0.9	59.4	59.1	0.3
MOUNT HAMILTON	81.3	77.8	3.5	68.5	64.6	3.9
SAN JOSE	80.3	81.9	-1.6	57.4	58.1	-0.7
SANTA CRUZ	73.8	75.3	-1.5	56.3	54.0	2.3
WATSONVILLE	69.5	71.6	-2.1	55.7	53.7	2.0
WATSONVILLE AP	69.8	73.2	-3.4	54.3	53.1	1.2

MONTEREY AND SAN BENITO COUNTIES...

BIG SUR STATION	75.0	75.6	-0.6	50.9	50.4	0.5
CARMEL VALLEY	78.5	78.7	-0.2	50.2	50.2	0.0
HOLLISTER	79.3	81.0	-1.7	54.0	53.0	1.0
KING CITY	84.5	85.4	-0.9	54.0	53.1	0.9
MONTEREY	66.1	66.3	-0.2	52.6	52.2	0.4
MONTEREY AIRPORT	68.0	67.2	0.8	54.6	53.6	1.0
PINNACLES NP	98.0	95.1	2.9	46.6	44.6	2.0
SALINAS	70.5	71.0	-0.5	54.4	53.3	1.1
SALINAS AIRPORT	70.4	71.0	-0.6	55.5	55.1	0.4

...JULY REGIONAL PRECIPITATION SUMMARY...

NOTE: ONLY CLIMATE STATIONS WITH MEASURABLE RAINFALL DURING THE MONTH ARE LISTED.

	JULY	AVERAGE	
LOCATION	TOTAL	JULY	PERCENT
		PRECIP	OF NORMAL

NORTH BAY...

MUIR WOODS	0.04	0.05	80
OCCIDENTAL	0.10	0.01	1000
SONOMA CO AIRPORT	0.01	0.01	100

SAN FRANCISCO PENINSULA...

HALF MOON BAY	0.03	0.14	21
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SOUTH BAY AND SANTA CRUZ COUNTY...

SANTA CRUZ	0.03	0.01	300
WATSONVILLE	0.01	0.01	100

MONTEREY AND SAN BENITO COUNTIES...

MONTEREY	0.03	0.05	60
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...DAILY TEMPERATURE RECORDS FOR JULY 2013...

LOCATION		RECORD MAXIMUM TEMP	PREVIOUS RECORD
7/04	SAN RAFAEL	98	98 IN 1905
7/04	MONTEREY	79	79 IN 1981

...MONTHLY RANKS FOR DOWNTOWN SAN FRANCISCO...

AVERAGE HIGH TEMPERATURE.....65.4.....54TH WARMEST OUT OF 136 YEARS
 AVERAGE LOW TEMPERATURE.....53.5.....58TH WARMEST OUT OF 136 YEARS
 PRECIPITATION.....0.00 INCHES....

...MONTHLY EXTREMES FOR SELECT LOCATIONS...

LOCATION	WARMEST DAY(S)	COOLEST DAY(S)	WETTEST DAY(S)
SANTA ROSA AIRPORT	7/04 98 DEG	7/13 45 DEG	7/16 0.01 IN
SAN FRANCISCO	7/01 79 DEG	7/14 7/15 7/20 52 DEG	N/A

LIVERMORE AIRPORT	7/01 7/02 7/04	7/07 7/12 7/18	N/A
	103 DEG	54 DEG	
SAN JOSE	7/01 7/02	7/12	N/A
	92 DEG	53 DEG	
SALINAS AIRPORT	7/01 7/02 7/03	7/14 7/19 7/20	N/A
	78 DEG	53 DEG	

NOTE: THIS CLIMATOLOGICAL DATA IS PRELIMINARY. FOR OFFICIAL
 CERTIFIED CLIMATOLOGICAL DATA PLEASE CONTACT THE NATIONAL
 CLIMATIC DATA CENTER AT 828-271-4800 OR <http://www.ncdc.noaa.gov>.
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